

# Roadway & Environmental Conditions

## Road Surface Condition

Road Surface Condition	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dry	480	65.48%	29,386	58.06%	41,534	50.73%	71,400	53.60%
Wet	90	12.28%	6,355	12.56%	9,045	11.05%	15,490	11.63%
Ice	49	6.68%	4,175	8.25%	8,230	10.05%	12,454	9.35%
Snow	41	5.59%	4,684	9.25%	9,988	12.20%	14,713	11.04%
Gravel	40	5.46%	1,171	2.31%	1,355	1.65%	2,566	1.93%
Mud	0	0.00%	52	0.10%	78	0.10%	130	0.10%
Debris	0	0.00%	69	0.14%	101	0.12%	170	0.13%
Other	3	0.41%	228	0.45%	307	0.37%	538	0.40%
Unknown	30	4.09%	4,492	8.88%	11,236	13.72%	15,758	11.83%
Total	733	100.00%	50,612	100.00%	81,874	100.00%	133,219	100.00%

Up to two road surface conditions may be listed for each vehicle.

## Light Conditions

Light Conditions	Fatalities		Injuries		Crashes							
					Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Daylight	252	56.63%	25,811	71.64%	222	56.35%	16,893	71.09%	24,780	61.64%	41,895	65.09%
Dusk	11	2.47%	1,039	2.88%	7	1.78%	693	2.92%	1,307	3.25%	2,007	3.12%
Dawn	9	2.02%	486	1.35%	9	2.28%	369	1.55%	958	2.38%	1,336	2.08%
Darkness, Lighted	35	7.87%	4,405	12.23%	32	8.12%	2,844	11.97%	5,198	12.93%	8,074	12.54%
Darkness, Not Lighted	134	30.11%	4,245	11.78%	120	30.46%	2,924	12.30%	7,610	18.93%	10,654	16.55%
Unknown	4	0.90%	45	0.12%	4	1.02%	40	0.17%	351	0.87%	395	0.61%
Total	445	100.00%	36,031	100.00%	394	100.00%	23,763	100.00%	40,204	100.00%	64,361	100.00%

## Character of Roadway

Character of Roadway	Fatalities		Injuries		Crashes							
					Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No Special Feature	227	51.01%	12,411	34.45%	201	51.02%	8,573	36.08%	18,196	45.26%	26,970	41.90%
Bridge or Over/Underpass	19	4.27%	1,020	2.83%	16	4.06%	704	2.96%	1,078	2.68%	1,798	2.79%
Railroad Crossing	5	1.12%	149	0.41%	4	1.02%	88	0.37%	156	0.39%	248	0.39%
Business Drive	4	0.90%	892	2.48%	4	1.02%	580	2.44%	1,133	2.82%	1,717	2.67%
Residential Drive	17	3.82%	953	2.64%	17	4.31%	629	2.65%	1,158	2.88%	1,804	2.80%
Other Non-Intersection	5	1.12%	624	1.73%	5	1.27%	443	1.86%	967	2.41%	1,415	2.20%
Intersection	151	33.93%	18,794	52.16%	133	33.76%	11,925	50.18%	15,664	38.96%	27,722	43.07%
Interchange	15	3.37%	869	2.41%	13	3.30%	593	2.50%	926	2.30%	1,532	2.38%
Unknown	2	0.45%	319	0.89%	1	0.25%	228	0.96%	926	2.30%	1,155	1.79%
Total	445	100.00%	36,031	100.00%	394	100.00%	23,763	100.00%	40,204	100.00%	64,361	100.00%

## Weather Conditions

Weather Conditions	Crashes							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Clear	236	52.91%	14,442	52.90%	23,604	50.95%	38,282	51.68%
Cloudy	116	26.01%	6,405	23.46%	10,003	21.59%	16,524	22.31%
Fog	15	3.36%	285	1.04%	504	1.09%	804	1.09%
Mist	12	2.69%	627	2.30%	1,055	2.28%	1,694	2.29%
Rain	17	3.81%	1,470	5.38%	2,163	4.67%	3,650	4.93%
Sleet/Hail	1	0.22%	252	0.92%	426	0.92%	679	0.92%
Snow	19	4.26%	1,783	6.53%	3,697	7.98%	5,499	7.42%
Strong Wind	17	3.81%	851	3.12%	1,480	3.19%	2,348	3.17%
Other	2	0.45%	192	0.70%	325	0.70%	519	0.70%
Unknown	11	2.47%	996	3.65%	3,071	6.63%	4,078	5.51%
Total	446	100.00%	27,303	100.00%	46,328	100.00%	74,077	100.00%

Up to two weather conditions may be listed for each crash.

# Roadway & Environmental Conditions

## Speed Limit

Speed Limit	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 25 mph	2	0.30%	740	1.69%	1,732	2.51%	2,474	2.18%
25 mph	25	3.81%	8,085	18.50%	15,153	21.94%	23,263	20.51%
30 mph	18	2.74%	3,945	9.02%	4,944	7.16%	8,907	7.85%
35 mph	30	4.57%	7,042	16.11%	7,581	10.98%	14,653	12.92%
40 mph	4	0.61%	848	1.94%	770	1.11%	1,622	1.43%
45 mph	25	3.81%	2,291	5.24%	2,171	3.14%	4,487	3.96%
50 mph	34	5.18%	972	2.22%	987	1.43%	1,993	1.76%
55 mph	414	63.01%	6,018	13.77%	7,286	10.55%	13,718	12.09%
60 mph	0	0.00%	23	0.05%	10	0.01%	33	0.03%
65 mph	64	9.74%	1,007	2.30%	1,543	2.23%	2,614	2.30%
Unknown	41	6.24%	12,742	29.15%	26,885	38.93%	39,668	34.97%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

## Roadway/Environmental Related Contributing Circumstances

Roadway/Environmental Related Contributing Circumstance	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
None Apparent	497	75.65%	29,746	68.05%	36,651	53.07%	66,894	58.97%
Weather Conditions	27	4.11%	1,252	2.86%	1,699	2.46%	2,978	2.63%
Surface Conditions	38	5.78%	3,314	7.58%	5,259	7.61%	8,611	7.59%
Roadway Defect	1	0.15%	14	0.03%	22	0.03%	37	0.03%
Pedestrian Action	10	1.52%	176	0.40%	39	0.06%	225	0.20%
Pedestrian Drinking	0	0.00%	11	0.03%	8	0.01%	19	0.02%
Previous Accident	9	1.37%	107	0.24%	117	0.17%	233	0.21%
Animal in Roadway	2	0.30%	633	1.45%	3,440	4.98%	4,075	3.59%
Frost-Covered Bridge	3	0.46%	22	0.05%	33	0.05%	58	0.05%
Traffic Control Not Functioning	0	0.00%	60	0.14%	73	0.11%	133	0.12%
Non-Contact Vehicle	17	2.59%	694	1.59%	813	1.18%	1,524	1.34%
Road Construction	1	0.15%	284	0.65%	296	0.43%	581	0.51%
Other	3	0.46%	439	1.00%	621	0.90%	1,063	0.94%
Unknown	49	7.46%	6,961	15.92%	19,991	28.95%	27,001	23.80%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

## Traffic Controls

Traffic Controls	Vehicles							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No Controls	494	75.19%	26,250	60.05%	43,497	62.98%	70,241	61.92%
Signals	32	4.87%	9,278	21.22%	10,563	15.29%	19,873	17.52%
Stop Signs	69	10.50%	4,371	10.00%	6,098	8.83%	10,538	9.29%
Yield Signs	2	0.30%	386	0.88%	565	0.82%	953	0.84%
Warning Signs	12	1.83%	348	0.80%	335	0.49%	695	0.61%
School Signals	0	0.00%	22	0.05%	27	0.04%	49	0.04%
No Passing Zones	27	4.11%	252	0.58%	328	0.47%	607	0.54%
School Stop Signs	0	0.00%	19	0.04%	23	0.03%	42	0.04%
School Bus Stop Arms	0	0.00%	27	0.06%	29	0.04%	56	0.05%
Railroad Signs	4	0.61%	67	0.15%	104	0.15%	175	0.15%
Railroad Signals	0	0.00%	27	0.06%	52	0.08%	79	0.07%
Railroad Crossing Gates	0	0.00%	16	0.04%	39	0.06%	55	0.05%
Peace Officer	0	0.00%	37	0.08%	37	0.05%	74	0.07%
Non-Functioning Signals	0	0.00%	43	0.10%	42	0.06%	85	0.07%
Other	3	0.46%	214	0.49%	271	0.39%	488	0.43%
Unknown	14	2.13%	2,356	5.39%	7,052	10.21%	9,422	8.31%
Total	657	100.00%	43,713	100.00%	69,062	100.00%	113,432	100.00%

# Roadway & Environmental Conditions

## Fixed Object Struck

Fixed Object Struck	Fixed Objects							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Bridge	4	1.74%	304	2.83%	431	2.38%	739	2.54%
Building	2	0.87%	125	1.16%	178	0.98%	305	1.05%
Culvert	6	2.61%	168	1.56%	90	0.50%	264	0.91%
Curb	2	0.87%	307	2.86%	401	2.21%	710	2.44%
Ditch	127	55.22%	2,514	23.41%	1,835	10.12%	4,476	15.38%
Island/Median	2	0.87%	87	0.81%	92	0.51%	181	0.62%
Embankment/Wall	5	2.17%	203	1.89%	158	0.87%	366	1.26%
Fence	11	4.78%	302	2.81%	498	2.75%	811	2.79%
Guardrail	10	4.35%	240	2.23%	386	2.13%	636	2.19%
Light Pole	8	3.48%	299	2.78%	425	2.34%	732	2.51%
Sign	7	3.04%	386	3.59%	495	2.73%	888	3.05%
Tree/Shrub	12	5.22%	416	3.87%	421	2.32%	849	2.92%
Utility Pole	1	0.43%	385	3.58%	492	2.71%	878	3.02%
Other Pole/Support	2	0.87%	99	0.92%	150	0.83%	251	0.86%
Mailbox	1	0.43%	73	0.68%	123	0.68%	197	0.68%
Impact Attenuator	0	0.00%	12	0.11%	35	0.19%	47	0.16%
Other	10	4.35%	394	3.67%	883	4.87%	1,287	4.42%
Unknown	20	8.70%	4,426	41.21%	11,043	60.89%	15,489	53.22%
Total	230	100.00%	10,740	100.00%	18,136	100.00%	29,106	100.00%

## Location of Fixed Object

Location of Fixed Object	Fixed Objects							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
On Roadway	5	2.17%	283	2.64%	426	2.35%	714	2.45%
Shoulder	24	10.43%	1,080	10.06%	1,408	7.76%	2,512	8.63%
Median	14	6.09%	295	2.75%	311	1.71%	620	2.13%
Roadside or Ditch	149	64.78%	3,473	32.34%	2,725	15.03%	6,347	21.81%
Outside Right-of-Way	18	7.83%	619	5.76%	735	4.05%	1,372	4.71%
Other	20	8.70%	4,990	46.46%	12,531	69.09%	17,541	60.27%
Total	230	100.00%	10,740	100.00%	18,136	100.00%	29,106	100.00%

## Vision Obstruction

Vision Obstruction	Drivers							
	Fatal		Injury		Property		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
No Obstruction	518	81.06%	35,777	84.58%	50,934	79.65%	87,229	81.61%
Vegetation	8	1.25%	168	0.40%	321	0.50%	497	0.46%
Buildings	0	0.00%	69	0.16%	118	0.18%	187	0.17%
Embankment	1	0.16%	101	0.24%	198	0.31%	300	0.28%
Sign/Billboard	0	0.00%	7	0.02%	20	0.03%	27	0.03%
Hillcrest	10	1.56%	248	0.59%	321	0.50%	579	0.54%
Parked Vehicle	0	0.00%	359	0.85%	742	1.16%	1,101	1.03%
Moving Vehicle	8	1.25%	912	2.16%	1,208	1.89%	2,128	1.99%
Person/Object In/On Vehicle	1	0.16%	60	0.14%	86	0.13%	147	0.14%
Blinded by Sun/Headlights	3	0.47%	350	0.83%	508	0.79%	861	0.81%
Frosted Windows	0	0.00%	59	0.14%	173	0.27%	232	0.22%
Blowing Snow	3	0.47%	348	0.82%	610	0.95%	961	0.90%
Fog/Smoke/Dust	15	2.35%	256	0.61%	275	0.43%	546	0.51%
Other	13	2.03%	607	1.44%	1,141	1.78%	1,761	1.65%
Unknown	59	9.23%	2,978	7.04%	7,296	11.41%	10,333	9.67%
Total	639	100.00%	42,299	100.00%	63,951	100.00%	106,889	100.00%